



Gulf of Mexico Harmful Algal Bloom Bulletin

9 October 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: June 28, 2007

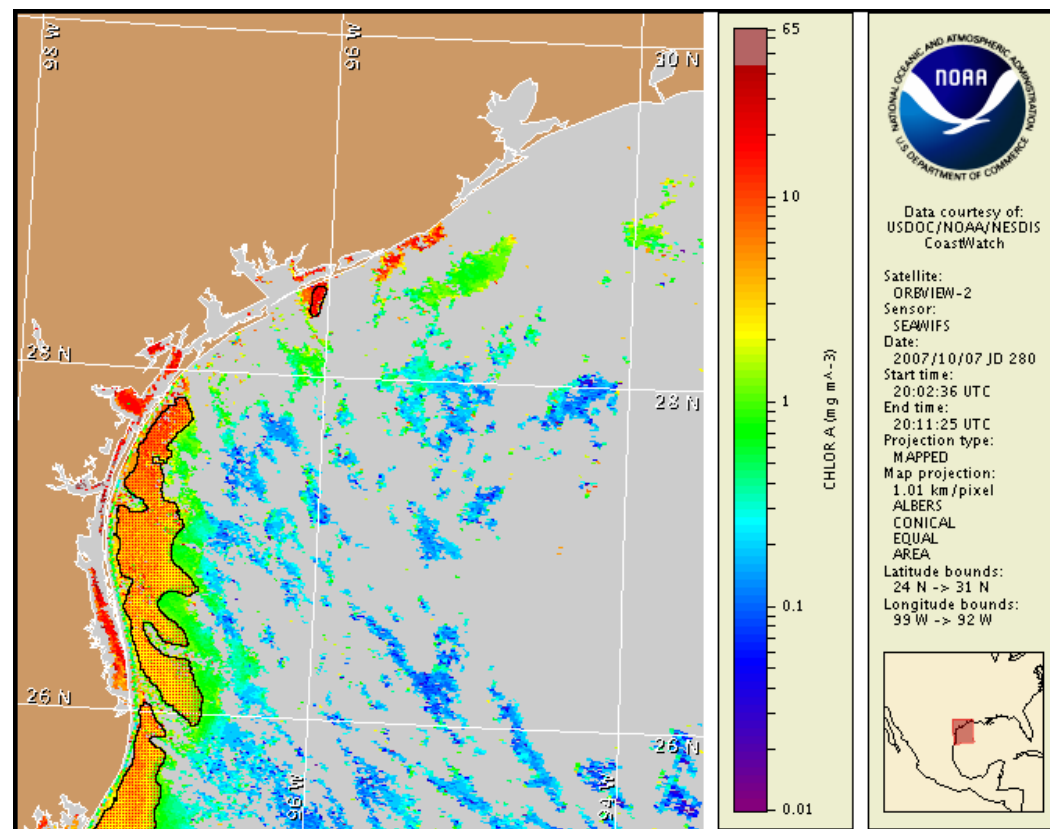
Conditions Report

There have been no recent reports of red tide. No impacts are expected along the Texas coast.

Analysis

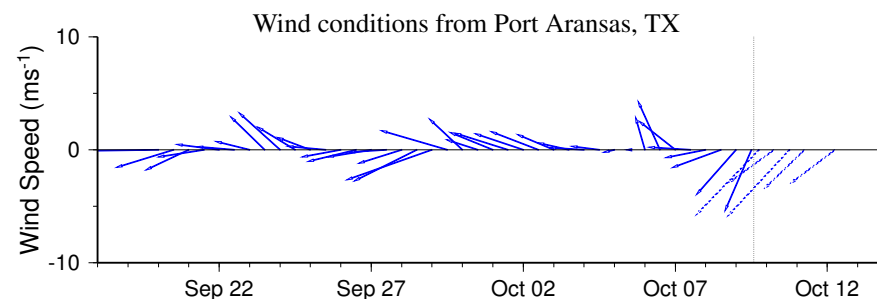
High chlorophyll has been observed from the north shore of Corpus Christi Bay to South Padre Island consistent with previous bulletins. Highest chlorophyll levels are located at the Corpus Christi Bay Mouth, reaching $10 \mu\text{g/L}$. There have been no reports of *Karenia brevis* at this time.

-Tomlinson and Nielsen



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from October 1 to 5 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

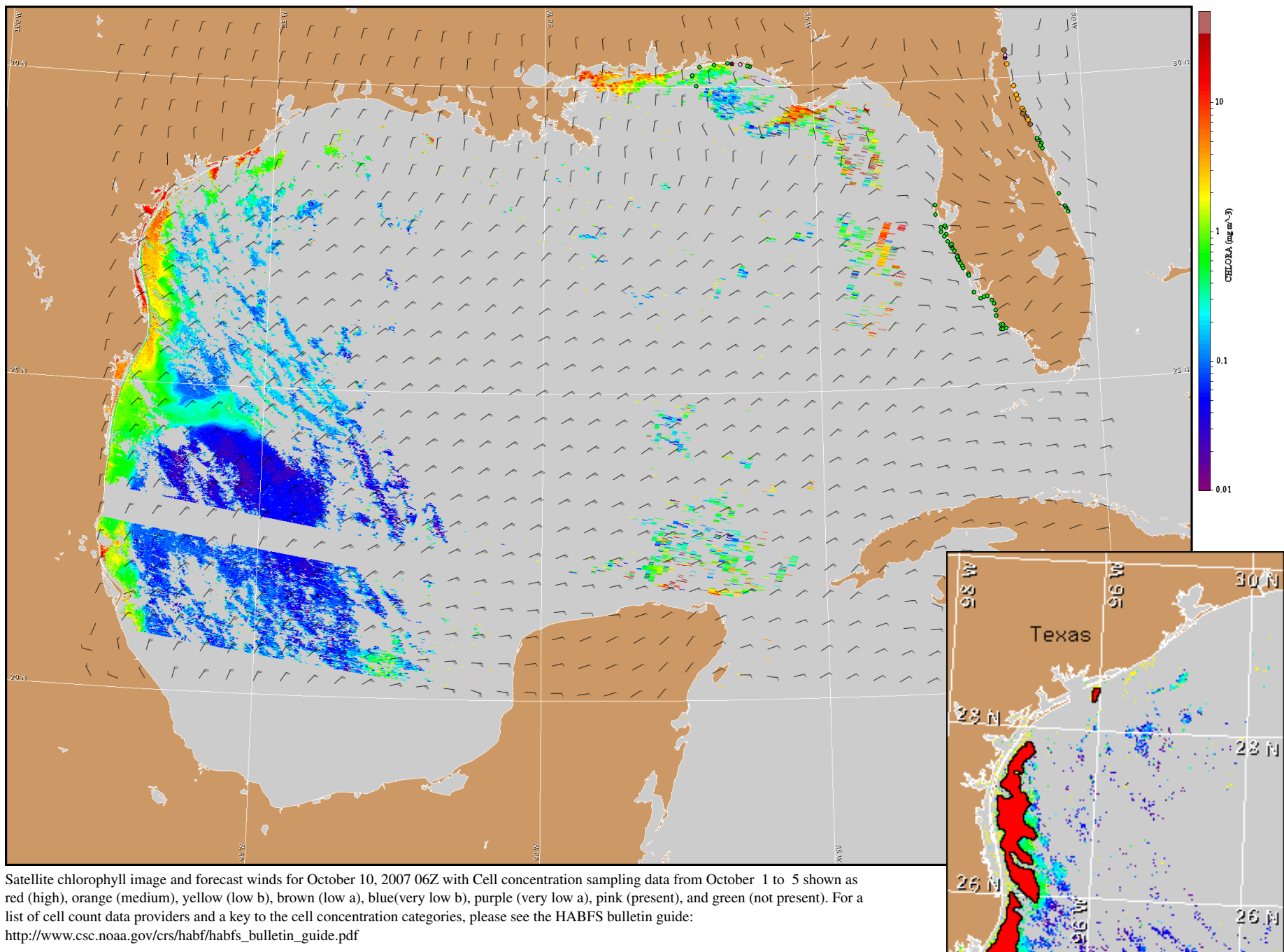


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Northeasterly winds from 10 to 15 knots are expected through Friday.

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).